

Salun, S.A.

5-3-5/37

AUTHOR:

Salun, S.A.

TITLE:

On the Age and Stratigraphic Position of Sanashtykgol Lime-stones of the Western Sayan Range (O vozraste i stratigrafi-cheskoy prinadlezhnosti sanashtykgol'skikh izvestnyakov Za-padnogo Sayana)

PERIODICAL:

Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, 1957, No 3, pp 81-92 (USSR)

ABSTRACT:

The problem of the age and stratigraphic position of the so-called Sanashtykgol limestones has been studied and discussed for about 30 years. In the present article the author describes his own observations and systematizes new data obtained. He arrived at the following conclusions:
1. The Sanashtykgol limestones do not represent either a continuous lithological horizon or a horizon with distinctive paleontological characteristics.
2. Presently, under the name of "Sanashtykgol limestones" numerous bodies of various sizes are understood to occur at different stratigraphic levels, and sometimes characterized by different faunas; however, bodies occurring at different levels contain at times identical fauna. The trilobite and archeocyathus fauna of these limestones are of Lower-Cambrian

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SALUN, S. A.

11-7-4/23

AUTHOR: Salun, S.A.

TITLE: "Porphyry Formation of Folded Regions" (Porfirovaya formatsiya skladchatykh oblastey)

PERIODICAL: "Izvestiya Akademii Nauk SSSR", Seriya Geologicheskaya, 1957, No. 7, pp. 49-63, (USSR)

ABSTRACT: The article gives a detailed account on tectonic conditions for the forming of porphyry formations. The data presented were collected by the author during field tests conducted at the coastal regions and at the southern sections of the Krasnoyarsk kray and are also based on studies of Soviet geologists. Porphyry formations have been found at the following geologic formations and locations:

I. The Upper Cretaceous and Cenozoic effusions of the Sikhote-Alinya. For the eastern section of the south coastal region (basins of the Sankhobe, Yaudzukhe and other rivers) the author established the following subdivision:

Upper Cretaceous:

1. Sinanchin layer
2. Ol'gin range with
 - a) Plagioporphry layer
 - b) Albite layer

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- c) Quartz - porphyry layer
- d) Orthophyric layer

Paleogene:

- 3. Terneysk range with
 - a) Porphyrite layer
 - b) Andesite layer
- 4. Felsoliparite range with
 - a) Lower effusive layer
 - b) Tadushinsk layer
 - c) Upper effusive layer

Neogenic:

- 5. Sikhote-Alinya range
- II. Upper Silurian and Devonian effusions of the Minusinsk depression and adjacent mountainous areas.

Upper Silurian:

- 1. Effusive strata of the Usinsk depression

Lower Devonian:

- 2. Chelansk range with
 - a) Sandy-conglomerate layer
 - b) Kharadzhul'sk layer
 - c) Imeksk layer

Middle Devonian:

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3. Tashtypsk range with
 - a) Tolochkovsk layer
 - b) Tashtypsk layer
4. Abakansk layer

III. Occurrence of porphyry formations, according to data mentioned in pertinent literature. Porphyry formations were found:

1.) Over vast areas. 2) In conjunction with basic, neutral and acid effusions. 3) Together with certain elements, rhythmically appearing in the profiles. 4) In considerable magnitude. 5) In close association with granitoid structures. 6) At minor dislocations of folds with extremely wide faults. 7) At regional angular unconformities separating the volcanogene complex from older geosyncline formations. These characteristics are also found at the Devonian volcanogene complex of Central Kazakhstan and are widespread in various districts of the USSR, especially in the Far East and the North-East areas.

IV. Conditions for the forming of porphyry layers. Granitoid intrusions occur after completion of geosyncline sedimentation and after the molding of the folded foundation, whereby this process extends over very long periods.

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V. Mineral resources found in conjunction with porphyry formations. Deposits of the following minerals are frequently found in porphyry intrusions: natural copper, gold, silver, alunite, andalusite, pyrophyllite, diopore, corundum, and agalmatolite. Therefore, porphyry formations are not only of theoretical, but also of considerable practical interest. The bibliography lists 33 references, of which 32 are Slavic (Russian).

ASSOCIATION: Belorussian State University imeni V. I. Lenin, Minsk.

SUBMITTED: June 25, 1956

AVAILABLE: Library of Congress

Card 4/4

SALUN S.A.

SALUN S.A.

Age and stratigraphy of Sanashtykgol limestones in the Western
Sayan Mountains. Biul.MOIP. Otd.geol. 32 no.3:81-92 My-Je '57.
(MIRA 10:10)

(Sayan Mountains--Limestone)

BERSENEV, I.I.; MOROZOVA, V.F.; SALUN, S.A.; SOKOLOVA, P.N.; SOKHIN, V.K.

New data on the stratigraphy of Quaternary alluvial, alluvium-lacustrine, and lacustrine deposits in the Maritime Territory and middle Amur Valley. Sov.geol. 5 no.9:78-86 S '62.
(MIRA 15:11)

(Maritime Territory--Alluvium)
(Amur Valley--Alluvium)

SALUN, S.A.

Tectonics of the Maritime Territory. Biul.MOIP.Otd.geol. 37
no.5:165-166 S-0 '62. (MIRA 15:12)
(Maritime Territory—Geology, Structural)

DZEVANSKIY, Yu.K.; DODIN, A.L.; KONIKOV, A.Z.; KRASNYY, L.I.;
MAN'KOVSKIY, V.K.; MOSHKIN, V.N.; LYATSKIY, V.B.;
NIKOL'SKAYA, I.P.; SALOP, L.I.; SALUN, S.A.; RABKIN,
M.I.; RAVICH, M.G.; POSPELOV, A.G.; NIKOLAYEV, A.A.;
IL'IN, A.V.; BUZIKOV, I.P.; MASLENNIKOV, V.A.; NEYELOV,
A.N.; NIKITINA, L.P.; NIKOLAYEV, V.A.[deceased]; OBRUCHEV,
S.V.; SAVEL'YEV, A.A.; SEDOVA, I.S.; SUDOVIKOV, N.G.;
KHIL'TOVA, V.Ya.; NAGIBINA, M.S.; SHEYNMANN, Yu.M.;
KUZNETSOV, V.A.; KUZNETSOV, YU.A.; BORUKAYEV, R.A.;
LYAPICHEV, G.F.; NALIVKIN, D.V., glav. red.; VERESHCHAGIN,
V.N., zam. glav. red.; MENNFR, V.V., zam. glav. red.;
OVECHKIN, N.K., zam. glav. red.[deceased]; SOKOLOV, B.S.,
red.; SHANTSER, Ye.V., red.; MODZALEVSKAYA, Ye.A., red.;
CHUGAYEVA, M.N., red.; GROSSGEYM, V.A., red.; KELLER, B.M.,
red.; KIPARISOVA, L.D., red.; KOROBKOV, M.A., red.;
KRASNOV, I.I., red.; KRYMGOL'TS, T.Ya., red.; LIBROVICH,
L.S., red.; LIKHAREV, B.K., red.; LUPPOV, N.P., red.;
NIKIFOROVA, O.I., red.; POLKANOV, A.A., red.[deceased];
RENGARTEN, V.P., red.; STEPANOV, D.L., red.;
CHERNYSHEVA, N.Ye.; red.; SHATSKIY, N.S., red.[deceased];
EBERZIN, A.G., red.; SMIRNOVA, Z.A., red.izd-va; GUROVA,
O.A., tekhn. red.

[Stratigraphy of the U.S.S.R. in fourteen volumes. Lower
Pre-Cambrian] Stratigrafiia SSSR v chetyrnadtsati tomakh.
Nizhnii Dokembrii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i
okhrane nedor. Pt. 1 (Asiatic part of the USSR) 1963. 396p.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910018-7

SALUN, S.A.; BOBYLEV, V.V.

Position and character of the western boundary of the Sikhote-Alin' fold area. Izv.vys.ucheb.zav.; geol. i razv. 6 no.5:3-11 My '63.
(MIRA 18:4)

1. Gosudarstvennyy geologicheskiy komitet.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910018-7"

SALUN, S.A.

Basic characteristics of the tectonics and the development of
the history of the basement in the Sikhote-Alin' region. Biul.
MOIP. Otd. geol. 38 no.6:3-16 N-D '63. (MIRA 17:8)

BOBYLEV, V.V.; SALUN, S.A.; SHEVYREV, A.A.

Discovery of Lower and Middle Triassic deposits in the middle
Amur Valley. Dokl. AN SSSR 149 no.1:146-148 Mr '63.

(MIRA 16:2)

1. Ministerstvo geologii i okhrany nedor SSSR i Paleontologi-
cheskiy institut AN SSSR. Predstavлено akademikom D.V.
Nalivkinym.

(Amur Valley--Geology, Stratigraphic)

SALUNINA, A. E.

USSR/Electricity-Titanium

May 51

"Electric and Thermoelectric Properties of Partially Deoxidized (Blue) Titanium Dioxide," B. I. Boltaks, F. I. Vasenin, A. E. Salunina, Leningrad Physicotech Inst Acad Sci USSR

"Zhur Tekh Fiz" Vol XXI, No 5, pp 532-546

Outlines results of measurements of sp cond and thermo emf in wide temp range of TiO_2 samples with various deoxidation deg. Attempts explanation of results on basis of contemporary semiconductor mech. Submitted 20 Jul 50.

182T49

SALUMSKAYA, M. I.

SALUMSKAYA, M. I. "Sugar Beet Rust," Naukovi Zapiski z Tsukrovoi Promislovosti,
vol. 13, no. 2, 1931, pp. 609-611. 65.9 K54A

Sira-Si-90-53, 15 Dec. 1953.

SALUINSKAYA, N. I.

SALUINSKAYA, N. I. "On a Bacterial Disease of the Vessels in Perennial Fodder Leguminosae as the Cause of Premature Dyingoff of Their Root System," Nauchnye Zapiski Gosudarstvennogo Eksperimental'nogo Instituta Sakharnoi Promyshlennosti, no. 10, 1932, p. 14 l. 65.9K54

Si-a-Si-90-53, 15 Dec. 1953

SALUNSKYA, N. I.

SALUNSKYA, N. I. "Influence of Boron on the Heart-rot Disease of Sugar Beets."
Nauchnye Zapiski po Sakharnoi Promyshlennosti, Agronomicheskii Vypusk, vol. 46-48. n
no. 4-5, 1935, pp. 77-95. 65.9 K54A

Sira-Si-90-53, 15 Dec. 1953

SALUNSKAYA, N. I.

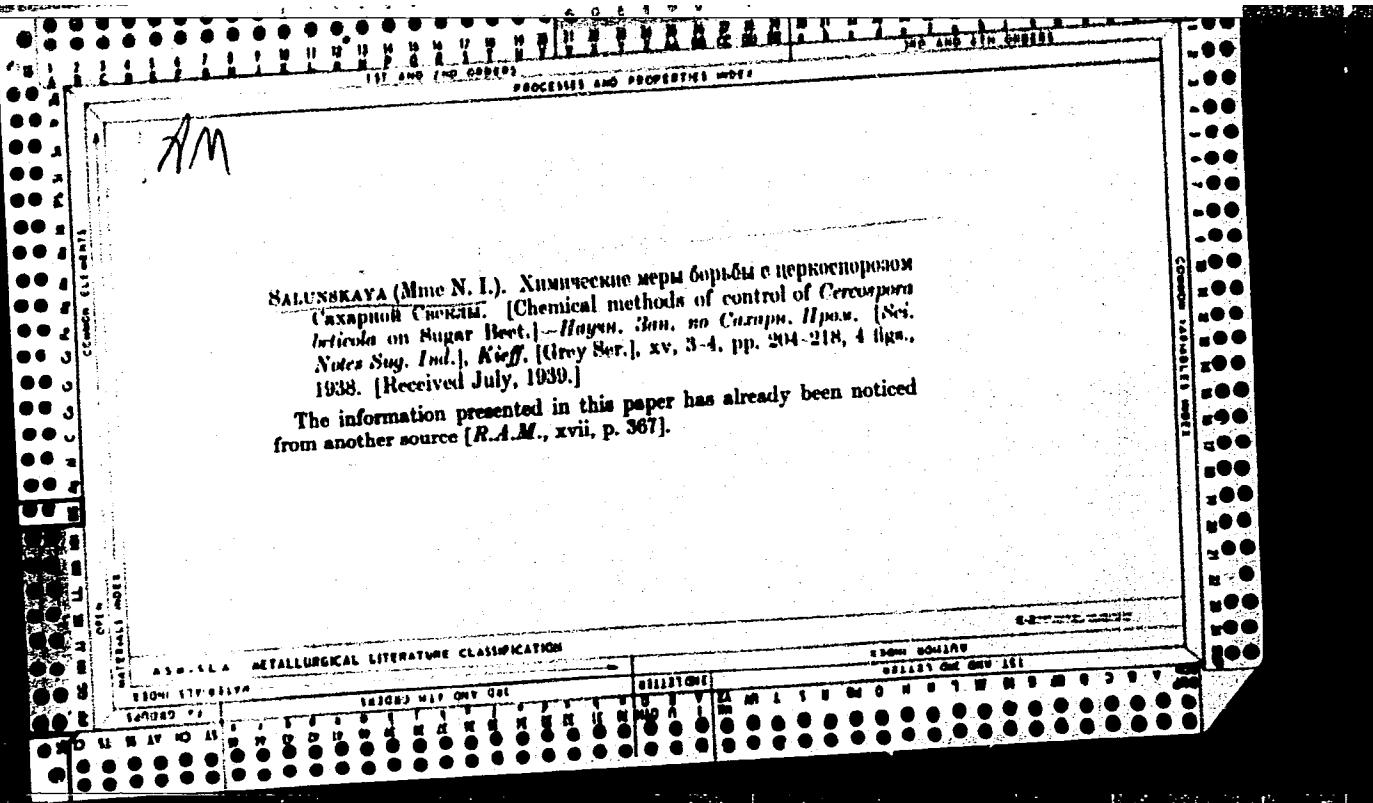
SALUNSKAYA, N. I. "Infection of Sugar Beet with Cercosporiosis in the Presence of Various Fertilizers," Nauchnye Zapiski po Sacharnoi Promyshlennosti, Agronomicheskii Vypusk, vol. 12, no. 4, 1936, pp. 77-87. 65.9 K54A

Sira-Si-90-53, 15 Dec. 1953

SALUNSKAIA, N. I.

SALUNSKAIA, N. I. "Review of Literature on Rhizoctonia of the
Sugar Beet," Nauchnye Zapiski po Sakhornoii Promyshlennosti,
Agronomicheskii Vypusk, vol. 13, no. 5-6, 1937, pp. 183-192.
65.9 K54A (Translation B.P.I. 624)

So: Sira - Si - 90 - 53, 15 December 1953



R
A/M

PASASICK (M. P.). *Ochonarre narodnoe nauchno-issledovaniye* paper BHIC za 1937 roz. [Main results of the scientific research work during 1937 of the Pan-Soviet Scientific Research Institute for the Sugar Industry (VNIIS).]—483 pp., 30 figs., 31 diagrs., 14 graphs. Nauknapromizdat [Publ. Off. Food Industry], Lenin. grad., 1939.

This is a collection of papers arranged on the same lines as in the previous year [R.A.M., xxi, p. 367].

Mme N. I. SALTUARAYA [en. 253-255] states that 1 per cent. emulsion of copper-impregnated (containing 1 per cent. copper) reduced infection by *Cercospora beticola*; *ibid.*, xviii, p. 347] in sugar beet by 21 per cent. as compared with reductions of 36.4 and 36 per cent. obtained with Bordeaux mixture and copper-lime dust, respectively. Observations and experiments showed that mass infection by *C. beticola* occurs when the air humidity does not fall below 85 per cent. during the night and 55 per cent. during the day for at least two to three days, and when the minimum temperature does not fall below 12° C. Both Bordeaux mixture and copper-lime dust gave larger increases in yield and greater reductions in infection with *C. beticola*, when applied on days when the above-mentioned conditions prevail, than at fixed intervals of 15 days.

V. P. MCAVYER, Z. A. POZHAR, and K. I. VITAS [pp. 256-257] studied the effect of vernalization of sugar beet seeds (e.g., by exposure to 100 per cent. humidity for two days at 25° C.) on the incidence of root disease [*ibid.*, xvi, p. 790]. All methods of vernalization were found to increase the incidence of *Fusarium* sp. (51 to 100 per cent. as against 22 per cent. in the control), and of bacteria (38 to 100 per cent. as against 22), and to decrease that of *Wisser* sp. (0 to 20 per cent. compared with 100) and of dark moulds [unspecified] (11 to 75 per cent. as against 95). Soaking had a similar but slightly weaker effect on the incidence of micro-organisms in the seedlings. Long periods of vernalization resulted in up to 82 per cent. root rot infection in the field. Seed disinfection combined with vernalization and soaking in all cases reduced the amount of infection, the best results being obtained with furfural and the preparation AB. A comparison of seedlings raised from untreated and vernalized seeds showed in 23 out of 25 sets of experiments that the latter gave a high percentage of germination with a larger proportion of healthy seedlings, and a greater average weight of seedlings than the former.

S. F. Moiseyukovskii and K. I. VITAS (pp. 257-260) found that strains of *Botryos* ciceris isolated from sugar beet, the soil, geranium [Pekengonium], rose, lemon, Primula, and Chrysanthemum were all equally capable of causing storage rot of sugar beet [ibid. viii, p. 368]. Of other fungi involved in storage rot, *Rhizopus* sp. and *F. culmorum* were as virulent as *B. ciceris*.

Mme N. I. Salnikova, N. I. Gonolyako, K. I. VITAS, and D. N. Gaskinsko (pp. 260-262) sum up the results of laboratory and field experiments on the *Rhizoctonia* disease of sugar beet as follows. Soil disinfection with formalin, applied at the rate of 700 l. per hect., reduced the infection by half. The crops grown in rotation with sugar beet are susceptible to *R.* in the following descending order: sugar beet, carrots, clover, lucerne, white clover, and potato, while sainfoin [*Oxytropis* aestuosa] is not attacked at all. The roots of sugar beet perish mostly during periods of dry and hot weather, preceded by a spell of high temperatures (with a minimum of not below 10°) and fairly abundant rains. The sugar content of roots attacked by *R.* was 24 per cent, lower than that of healthy ones, but their weight was the same. The growth of the fungus was best at temperatures of 20° to 30° and retarded at 2° to 6°. The conidial stage, *Tuberidina* sp. [? the *Tuberidina* stage of *Helicodonidium purpureum*: ibid., vi, p. 756; ix, p. 251], was observed for the first time in 1937, characterized by a soft, snow-white aerial mycelium, bearing yellowish-white cushions of conidiophores which later turn brownish-violet with unicellular conidia, 12-5 μ .

SALUNSKAIA, N. I.

SALUNSKAIA, N. I. "Study of Measures for Control of Cercosporiosis of Sugar Beets," in Principal Conclusions of the Scientific-Research Work of the All Union Scientific-Research Institute for the Sugar Industry for 1937, State Technological-Economical Publishing House of Food Industry, Moscow, 1939, pp. 253-255. 65.9 V96

To: Sira - Si - 90 - 53, 15 December 1953

SALUNSKAIA, N. I.

See: GOMOLIAKO, N. I., VITAS, K. I., and GRINBERG, D. N.

SALUNSKAIA, N. I. "Study of Rhizoctonia on Sugar Beets," in Principal Conclusions of the Scientific-Research Work of the All Union Scientific-Research Institute for the Sugar Industry for 1937, State Technological-Economical Publishing House of Food Industry, Moscow, 1939, pp. 260-262. 65.9 V96

So: Sira - Si - 90 - 53, 15 December 1953

Leptotricha spiciferana = *Cercospora Cercaria*. [Control of pests and diseases of Sugar Beet] — Ex Ochotnicie sanojnoj i gnojnoj na pusta i bolezni buravja. [Main results of scientific research work during 1938 of the Pan-Soviet Scientific Research Institute for the Sugar Industry (VNTs)], pp. 149-170, 5 figs., 2 diagrs., 1940.

In this collection of papers, arranged on similar lines to those of the previous year [R.A.M., no. 1, p. 32], the following items are of interest. Mine. N. I. SALTSEVA (pp. 162-163) states that Bordeaux mixture applied twice before and twice after the appearance of spots by *Cercospora* [botidio] foliage reduced the field infection of sugar beet by *Cercospora* [botidio] from 1.24 to 0.48 mark. Under conditions of very slight infection prevailing during 1938, the increase in yield resulting from three to four sprays of Bordeaux mixture amounted on the average to 5 to 7 per cent. Field observations showed that the first spray is most effectively applied when the first rains appear on the leaves, and that sprays should not be applied after sudden, transient rains which are usually followed by reduced atmospheric humidity, but rather after a period of prolonged wet weather lasting at least two to three days.

A. L. Borzirrav's (pp. 164-165) biochemical studies showed that in leaves of sugar beets severely affected by *C. botidio* the peroxidase activity was about 1½ times to twice that of those only slightly affected, and that the latter had a higher content of total, soluble, and albuminous nitrogen, and a lower content of oxalic acid, particularly in insoluble form.

Mine. N. I. SALTSEVA (pp. 163-166) states that the formation of spores of *C. botidio* on leaves of sugar beet in the laboratory occurred at a relative humidity of above 90 per cent. and a temperature not below 9° C. Under optimum conditions of atmospheric humidity (97 to 100 per cent.) and temperature (25° to 26°), the spores formed within 15 to 17 hours, this period being much extended when the humidity and temperature were lowered. At low humidity, no conidia were formed on the leaves, whereas at high humidity conidiophores were produced after 10 hours.

SALUNSKAIA, N. I.

SALUNSKAIA, N. I. "Establishment of the Period for Spraying Sugar Beets with Bordeaux Mixture for Control of Cercosporiosis," in Principal Conclusions of the Scientific-Research Work of the All Union Scientific-Research Institute for the Sugar Industry for 1938, State Technological-Economical Publishing House of Food Industry, Moscow, 1940, pp. 162-163.
65.9 V96

So: Sira - Si - 90 - 53, 15 December 1953

SALUNSKAIA, N. I.

SALUNSKAIA, N. I. "Conditions of Spore Formation in Cercospora,"
in Principal Conclusions of the Scientific-Research Work of
the All Union Scientific-Research Institute for the Sugar
Industry for 1938, State Technological-Economical Publish-
ing House of Food Industry, Moscow, 1940, pp. 165-166. 65.9
v96

So: Sira - Si - 90 - 53, 15 December 1953

SALUNSKAYA, N.I.

Fungus Sclerotium bataticola Taub. as the causative agent of diseases
of certain cultivated plants in the Ukrainian S.S.R. Bot.shur. [Ukr]
11 no.4:80-84 '54. (MIRA 8:7)

1. Institut entomologii ta fitopatologii AN URSR.
(Fungi, pathogenic) (Roots (Botany)--Diseases and pests)

SALUNS'KA, N. I.

Main tasks in the study of fungous diseases of alfalfa in the
Ukrainian S.S.R. Mikrobiol.zhur. 16 no.1:76-83 '54 (MLRA 8:4)

(ALFALFA - DISEASES AND PESTS)
(UKRAINE- FUNGI, PATHOGENIC)

SALUNS'KA, N.I.

Causative agents of bacteriosis of sugar beet leaves. Mikrobiol.
zhur. 16 no.3:22-24 '54. (MIRA 8:7)

1. Z Institutu entomologii i fitopatologii Akademii nauk URSR.

(BACILLUS,

mesentericus causing bacteriosis of sugar beet leaves)

(CLOSTRIDIUM,

butyricum, causing bacteriosis of sugar beet leaves)

(BACILLUS,

mycoides, causing bacteriosis of sugar beet leaves)

(VEGATABLES,

sugar beet bacteriosis caused by Bacillus mesentericus,

Bacillus mycoides & Clostridium butyricum)

SALUNS'KA, N.I.

"A rare sugar beet disease observed in summer 1955 and its possible causes" [in German] by W. Feucht "Bulletin of the German Office for Plant Protection," vol.10, no.8, 1956.

Reviewed by N.I.Saluns'ka). Ukr.bot.zhur. 14 no.3:108-109

'57.

(MIRA 10:10)

(Germany, East--Sugar beets--Diseases and pests)

(Fungi, Phytopathogenic) (Feucht, W.)

ZHITKEVICH, Ye.N., starshiy nauchnyy sotrudnik; PETRUKHA, Ye.I., kand. biolog.nauk; POZHAR, Z.A., kand.sel'skokhoz.nauk; SHEVCHENKO, V.N., kand.sel'skokhoz.nauk; BUTOVSKIY, A.P., starshiy nauchnyy sotrudnik, spetsialist entomolog i fitopatolog; GROMAKOV, P.M., starshiy nauchnyy sotrudnik, spetsialist entomolog i fitopatolog [deceased]; MARKOV, F.I., kand.biolog.nauk, spetsialist entomolog i fitopatolog; PUCHKOV, V.G., kand.biolog.nauk, spetsialist entomolog i fitopatolog; PALIY, V.F., doktor biolog.nauk, spetsialist entomolog i fitopatolog; POLEVOY, V.V., starshiy nauchnyy sotrudnik, spetsialist entomolog i fitopatolog; SHMELEVVA, V.A., kand.biolog.nauk, spetsialist entomolog i fitopatolog; ZVEREZOMB-ZUBOVSKIY, Ye.V., prof.. doktor sel'skokhoz.nauk; KORAB, I.I., prof., doktor sel'skokhoz.nauk; MOROCHKOVSKIY, S.F., prof., doktor biolog.nauk; MURAV'YEV, V.P., prof.; SALUINSKAYA, N.I., kand.biolog.nauk; SAVCHENKO, Ye.N., red.; ZUBAREV, A.S., khudozh.-tekhn.red.

[Sugar beet growing] Sveklovodstvo. Izd.2., perer. i dop. Kiev, Gos.izd-vo sel'skhоз.lit-ry USSR. Vol.3. Pt.1. [Sugar beet pests and their control] Vrediteli sakharinoi svekly i mery bor'by s nimi. Pt.2. [Sugar beet diseases and their control] Bolezni sakharinoi svekly i mery bor'by s nimi. 1959. 642 p. (MIRA 12:11)

(Continued on next card)

ZHITKEVICH, Ye.N.---(continued) Card 2.

1. Kiyev. Vsesoyuznyy nauchno-issledovatel'skiy institut sakhariny
svekly. 2. Vsesoyuznyy nauchno-issledovatel'skiy institut sakhariny
svekly (for Zhitkevich, Petrukha, Pozhar, Shevchenko). 3. Uladovo-
Lyulinetskaya optyno-selektionsnaya stantsiya Vsesoyuznogo nauchno-
issledovatel'skogo instituta sakhariny svekly (for Butovskiy). 4. Iva-
novskaya optyno-selektionsnaya stantsiya Vsesoyuznogo nauchno-issledov.insti-
tuta sakhariny svekly (for Gromakov). 5. Kurgizskaya optyno-selektions-
naya Vsesoyuznogo nauchno-issledov.instituta sakhariny svekly (for
Markov, Polevoy).6. Veselopudolyanskaya optyno-sel..stantsiya Vsesoyuz-
nogo nauchno-issledov.instituta sakhariny svekly (for Puchikov). 7. Ra-
monskaya optyno-selektionsnaya Vsesoyuznogo nauchno-issledov.instituta
sakhariny svekly (for Paliy). 8. Pervomayskaya optyno-selektionsnaya
Vsesoyuznogo nauchno-issledov.instituta sakhariny svekly (for Shme-
leva). 9. Chleny-korresp. AN USSR (for Zverezomb-Zubovskiy, Murav'yev).
(Sugar beets--Diseases and pests)

SALUNSKAYA, N.I.; SHKODENKO, V.I.; ROGACHEV, V.L.; STETSENKO, V.A.;
AFONINA, A.P.

Spraying against corn smut. Zashch. rast. ot vred. i bol. 6
no.5:22-23 My '61. (MIRA 15:6)

(Corn (Maize)—Diseases and pests)
(Smuts) (Fungicides)

SALUNSKAYA, N.I. [Saluns'ka, N.I.]

In memory of Semen Filimonovich Morochkovskii. Ukr. bot. zhur.
19 no.4:103-106 '62. (MIRA 15:9)
(Morochkovskii, Semen Filimonovich, 1897-1962)

SALUNSKAYA, N.I.

Effect of structural characteristics of the plant on the
vulnerability of corn by smut. Agrobiologija no.3:401-406 My-Je
'62. (MIRA 15:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut zashchity
rasteniy, Kiyev.
(CORN (MAIZE)--DISEASE AND PEST RESISTANCE) (SMUTS)

SALUNSKAYA, N.I., kand.biolog,nauk; SHKODENKO, V.I.; STETSENKO, V.A.

Corn smut. Zashch. rast. ot vred. i bol. 7 no.8:36-37 Ag '62.
(MIRA 15:12)

1. Ukrainskiy institut zashchity rasteniy i Poltavskaya i
Zhitomirskaya gosudarstvennyye optynnyye stantsii.
(Smuts) (Corn (Maize)--Diseases and pests),

SALUNSKAYA, N.I.; SHKODENKO, V.I.; ROGACHEV, V.L.; KONASHEVICH, V.A.

Chemical control of common corn smut. Zashch. rast. ot vred. i
bol. 8 no.4:21-22 Ap '63. (MIRA 16:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut zashchity
rasteniy, Poltavskaya i Zaporozhskaya sel'skokhozyaystvennaya
stantsiya i Gosudarstvennyy nauchno-issledovatel'skiy institut
Grazhdanskogo vozдушного flota.

(Ukraine—Corn (Maize)—Diseases and pests)
(Smuts)

SALUNSKAYA, N.I.

What organs of corn are attacked by common smut. Bot. zhur.
49 no.7:1032-1035 Jl '64 (MIRA 17:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut zashchity
rasteniy, Kiyev.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910018-7

PERESYPKIN, V.F.; SALUNSKAYA, N.I.; SHEVCHENKO, V.N.

Development of mycology and phytopathology in the Ukrainian S.S.R.
Trudy VIZR no.23:217-225 '64. (MIRA 19:2)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910018-7"

SALUNSKAYA, N., kand.biol.nauk

For the reliability of material. Zashch.rast.ot vred.i bol. 10
no.4:16-17 '65. (MIRA 13:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut zashchity
rastenij.

SALUPERE, V. (Tartu)

Stomach biopsy. Klin.med. no.7:125-127 '61.

(MIRA 14:8)

1. Iz Tartuskoy gorodskoy klinicheskoy bol'nitsy (glavnnyy vrach

R. Lepner).

(BIOPSY)

(STOMACH)

SALUPERE, V. (Estonskaya SSR, Tartu, ul.Loo tuse, d.10, kv.1)

Some syndromes following gastric resection. Vest.khir. 89
no.9:50-53 S '62. (MIRA 15:12)

1. Iz Tartuskoy gorodskoy klinicheskoy bol'nitsy (glavnnyy vrach -
R.Lepner). (STOMACH—SURGERY)

SALUPERE, V.P. (Tartu)

Histological changes in the mucous membrane of the stump of
the resected stomach (based on gastrobiopsy material).
Arkh. pat. 25 no.5:58-62 '63. (MIRA 17:2)

1. Iz Tartuskoj gorodskoj klinicheskoy bol'nitsy (glavnyy
vrach R.I. Lepner) i kafedry histologii Tartuskogo gosu-
darstvennogo universiteta (ispolnyayushchiy obyazannosti
zaveduyushchego E.P. Kogerman; nauchnyy rukovoditel' Yu.E.
Arend [J. Arend]).

SALUPERE, V.

Changes in the mucous membrane of the gastric stump in late periods following gastric resection. Sovet. med. 26 no.5:
114-118 My'63 (MIRA 17:1)

1. Iz Tartuskoy gorodskoy klinicheskoy bol'nitsy (glavnyy vrach R.Lepner).

SALUPERE, V.

Relation of histological changes in the gastric stump to the
secretion of hydrochloric acid and uropepsin in the late
postresection period. Terap. arkh. 35 no.1:59-65 Ja'63.
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1. Iz Tartusskoy gorodskoy klinicheskoy bol'nitsy (glavnnyy
vrach R.Lepner)
(STOMACH—SURGERY) (HYDROCHLORIC ACID)

SALUPERE, V. (Tart^{ju})

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41 no.2:26-30 F'63 (MIRA 17:3)

1. Iz Tartuskoy gorodskoy klinicheskoy bol'nitsy (glavnyy
vrach R.Lepner).

WORGITZKI, Armin, Dipl. Ing.; SALUS, Jiri, inz. [translator]

Regulator for drives fed from grid-controlled rectifiers. El tech
obzor 53 no.10:533-538 O '64.

1. VEB Elektroprojekt Berlin, German Democratic Republic (for
Worgitzki). 2. Czech Higher School of Technology, Prague (for Salus).

SALUS, L.

Heavy prefabricated units used in building thermoelectric-power works in the USSR. p. 270.

INZENYRSKE, STAVBY. (Ministerstvo stavebnictvi) Praha, Czechoslovakia.
Vol. 7, no. 7, July 1959

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SALUS, L.; Smrcka, K.

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ENERGETIKA, "raha, Czechoslovakia, Vol. 9, no. 5, May 1959

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1. Zavody V.I.Lenina National Enterprise, Plzen.

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and of possibilities of introducing them in Hungary. The
utilization of the products from cracking and refining with
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Aszanyolajtermeket tarolasa es szallitasa (Storage and Transportation of Mineral-Oil Products); a book review. p. 403. KCZLEKEDESTUDOMANYI SZEMLE. Budapest. Vol. 5, No. 10, Oct. 1955

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956

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Veszprem, Hungary, Magyar Aszanyolaj es Foldgaz Kiserleti Intezet,
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Mixing, packing, and transportation of bitumen. p. 100.
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Vol. 11, no. 4, Apr. 1956.

SOURCE: EEAL, Vol. 5, no. 7, July 1956.

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H-22

HUNGARY / Chemical Technology, Chemical Products and Their Application. Part 3. - Treatment of Natural Gases and Mineral Oil, Motor and Rocket Fuel, Lubricants.

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12559.

Author : Laszlo Salusinszky, Endre Vamosi

Inst : Not given

Title : Lubricants with Modifiers.

Orig Pub : Muszaki elet, 1956, 11, No 19, 10 - 13.

Abstract : No abstract.

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SALUSTE, S.; KLESMENT, I.; EYZEN, O. [Eisen, O.]

Composition of phenols of tunnel ovens. Izv. AN Est. SSR. Ser.
fiz.-mat. i tekhn. nauk 14 no.1:140-146 '65. (MIRA 18:11)

1. Institut khimii AN Estonskoy SSR.

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'65 (MIRA 19:2)

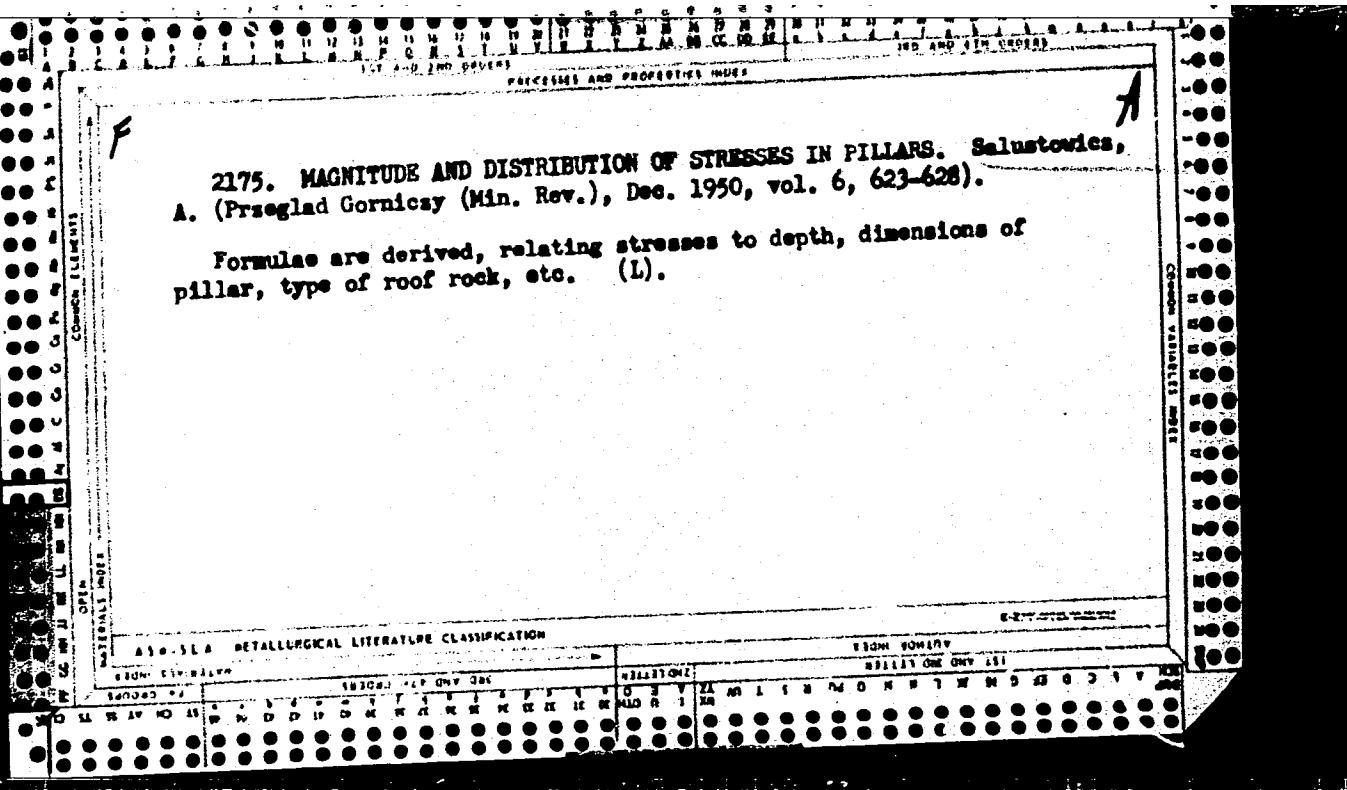
Catalytic properties of palladium and platinum under con-
ditions of microreactor gas chromatographic analysis. Ibid.:
605-613.

1. Institut khimii AN Estonskoy SSR. Submitted March 31,
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BUDRYK, Vito; LITVINISHIN, Yezhi; KNOTTE, Stanislav; SALUSTOVICH, Antoni.
SHKLYARSKIY, M.F., inzhener [Translator]; AVERSHIN, S.G., professor,
redaktor; SLAVOROSOV, A.Kh., redaktor; PROZOROVSKAYA, V.L., tekhnicheskiy
redaktor.

[Problems in calculating surface displacements caused by mine work.
Translated from the Polish] Voprosy rascheta svishchenii poverkhnosti
pod vliianiem gornykh razrabotok. Perevod s pol'skogo M.F.Shkliar-
skogo, pod red.S.G.Avershina. Mcskva, Gos.nauchno-tehnicheskoe izd-
vo lit-ry po ugol'noi promyshl., 1956.63 p. (MLRA 9:5)
(Poland--Earth movements)



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Szumowicz A. Flexion of a Heterogeneous Roof.

"Ugięcie stropu niejednorodnego". Przegląd Górnictwa, No. 11,
1951, pp. 429-432, 6 figs.

Analysis of stresses in a roof consisting of two or more strata
of different physical properties. Effect of the coefficient of elasticity
on stresses in a given bed. The most advantageous conditions exist
in a working with a roof bed having a small coefficient of elasticity.
The role of coal layer left in the roof.

SALUSTOWICZ, A.

1960. Pressure of rocks on caving in drift holes. A. Salustowicz. Nefta (USSR), 1959, 8, 299-302. - For many years filtration occurs all the way from top to bottom.

pressure = $P_1 = \gamma h$, P_1 internal formation pressure is $\frac{1}{\gamma} \cdot h$.

$$C = \left(\frac{1 + \sin \phi}{1 - \sin \phi} \right) \cdot \phi = \text{angle of friction } 15^\circ \text{ to } 35^\circ, C = 3 \text{ approx in loose formations}$$

Note: $\gamma = \text{specific weight} = \rho g$ in kg/m³; h in meters; γ taken as 10.

Example: $\gamma = 10 \text{ kg/m}^3$; $h = 100 \text{ m}$; $C = 3$; $\phi = 30^\circ$. Then $P_1 = 1000 \text{ kg/m}^2$ and $P_2 = 333 \text{ kg/m}^2$.

It follows that $P_1 > P_2$ and therefore the rock mass will be destroyed by the upper pressure.

It follows that $P_1 < P_2$ and therefore the rock mass will be destroyed by the lower pressure.

It follows that $P_1 = P_2$ and therefore the rock mass will be destroyed by both pressures.

It follows that $P_1 > P_2$ and therefore the rock mass will be destroyed by the upper pressure.

It follows that $P_1 < P_2$ and therefore the rock mass will be destroyed by the lower pressure.

It follows that $P_1 = P_2$ and therefore the rock mass will be destroyed by both pressures.

SALUSTOWICZ, A

"Profile of a Collapsing Area Over a Mine Viewed as a Deformation of a Layer
on an Elastic Substratum", p. 39, (ARCHIWUM GORNICZTWA I HUTNICTWA, Vol. 1,
No. 1, 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5,
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MOVEMENTS IN THE VICINITY OF MINED OUT AREAS. Salustowicz, J. (Gornicze)
(Mining, Poland), 1954, (1), 33-43; abstr. in Pol. Tech. Abstr., 1955, (4). *filed 1*
A correlation of researches carried out and results obtained by Polish
scientists as regards the pressure and movements of rocks in the course of
mining operations. In his study entitled "Elastic unlimited flat systems
with circular openings", J. Olszak gives a solution to the problem of stresses
in rocks in the vicinity of mining operations. A corresponding solution is
given for the plastic phase by A. Salustowicz. W. Budryk defines the
magnitude of the stress in the seam and in the roof in the theory of the pressure
wave during the exploitation of the deposit. The problem of rockbursts in the
Polish Coal Basin has been investigated by two Commissions: one for Pressures
and Rockbursts, and the other for Methods for working deposits. B. Krupinski

has been the first to attract attention to the importance of leaving.
During the last few years a theory referring to the effect of mined out areas
on the overlying surface has also been worked out in this country. S.M.R.

SALUSTOWICZ, A.

✓ 2556. PRESSURES IN UNRECOVERED PARTS OF SEAMS. Salustowicz, A.
(Gornictwo (Mining, Poland), 1954, (2), 47-57; abstr. in Pol. Tech. Abstr.,
1955, (4). On the basis of the theory regarding the bending of beams on an
elastic base, an equation has been deduced for the bending of the unrecovered
roof layer over a pillar and the mired out areas. From this equation it has
been possible to indicate the magnitude of the transverse force and the bending
moment in the roof layer, as well as of the stresses in the seam. When narrow
pillars are left, the magnitude of both the bending moment in the roof and the
stresses in the seam are much greater than in the case of normal workings.
This is why the pillars left are the centres of intense pressures and rockbursts.
S.M.R.

SALUSTOWICZ, A.

FU

✓ 994. DISPLACEMENTS AND DEFORMATIONS OF OVERLYING STRATA IN THE VICINITY OF MINE WORKINGS. Salustowicz, A. (Arch. Górn. Huta. (Arch. Min. Met.), Warsaw), 1955, vol. 3, (2), 265-202). When a seam situated in loosely packed formations has been worked out, certain displacements of the overlying strata occur. On the basis of laboratory experiments it was found that points which were originally lying on horizontal lines, are displaced along definite curves which were proved by Litwiniszyn (ibid., 1953, vol. 1, (1)) to be Gaussian curves. The deforming influence of mine workings on the overlying massif extends, theoretically, to infinity both in vertical and horizontal directions, but displacements of practical significance occur within a finite space. For the sake of simplifying calculations, Gaussian curves are replaced by straight lines. Expressions are derived for the vertical and horizontal components of the displacement of a point in the massif. S.M.R.

SALUSTOWICZ, A.

SALUSTOWICZ, A. Conditions of the exploitation of seams with lessened stresses. ARCHIWUM GORNICTWA I HUTNICTWA. Warszawa, Poland. Vol. 3, No. 4, 1955

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

SALUSTOWICZ, A.

Displacements and deformations of rock masses with a mine gallery of limited width.

P. 121 (ARCHIWUM GEMINUMA) Poland, Vol. 1, No. 2, 1956

SO: Monthly Index of East European Acquisitions (AMCI) Vol. 6, No. 11, November 1957

GALUSTOWICZ, A.

The influence of time on the size of the horizontal displacement of rock masses.

F. 53 (ARCHIWUM GEOFIZYCZNE) Poland, Vol. 2, No. 1/2, 1957

See: Monthly Index of East European Accessions (AEEI) Vol. 6, No. 11, November 1957

SALUSTOWICZ, A.

Rock masses as a viscoelastic medium. p. 141

ARCHIWUM GÓRNICTWA (Polska Akademia Nauk, Komitet Górnictwa) Warszawa, Poland.
Vol. 3, no. 2, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, September 1959.
Uncl.

SALUSTOWICZ, A.

Life and work of Witold Budryk. p. 3

ARCHIWUM GORNICTWA. (Polska Akademia Nauk. Komitet Gornictwa)
Warszawa, Poland. Vol. 4, no. $\frac{1}{2}$, 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960

Uncl.

SALUSTOWICZ, A.

The time factor in problems of the mechanics of rock masses. p. 4.

PRZEGLAD GORNICZY. (Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników Górnictwa) Katowice, Poland. Vol. 15, no. 1/2, Jan./Feb. 1959.

Monthly list of East European Accessions (SEAI) LC. Vol. 8, No. 7, July 1959.

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SALUSTOWICZ, Antoni

The influence of the rate of excavation on the extent of deformation and value of stresses in a coal system. Archiw gorn 5 no.1: 91-98 '60.

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CIA-RDP86-00513R001446910018-7

SALUSTOWICZ, Antoni

Determination of the width of protective barrier pillars. Archiw gorn
6 no.3:177-186 '61.

(Mining engineering)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910018-7"

SALUSTOWICZ, A.

The stress field about an excavation in a physically non-linear elastic rock mass. Bul Ac Pol tech 10 no.12:707-710 '62.

1. Research Center for the Mechanics of Rock Masses, Krakow, Polish Academy of Sciences.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910018-7

SALUSTOWICZ, Antoni, prof. dr inz.; MATUSZEWSKI, Jerzy, mgr inz.

Essence of, and causes for the occurrence of explosions in coal
mining. Przegl gorn 18 no.11:593-606 N '62.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910018-7"

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910018-7

SALUSTOWICZ, Antoni

Field of stresses around headings in physically nonlinear elastic
rocks. Archiw gorn 8 no. 1:3-16 '63.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910018-7"

SALUSTOWICZ, A.

The influence of mining rate on the magnitude of stress
and strain in the seam. Bul Ac Pol tech 12 no. 1: 75-78
'64.

1. Research Center for the Mechanics of Rock Masses,
Krakow, Polish Academy of Sciences.

SALUSTOWICZ, Antoni, prof. dr inz.

Rock pressure in the old works and strata relief under the old
works. Przegl gorn 20 no. 6:267-270 Je'64

SALUSTOWICZ, Antoni

Hiring pressure in a seam with physically nonlinear characteristics.
Archiw gorn 10 no.1:3-15 '65.

I. Institute of Rock Mechanics Krakow, of the Polish Academy of
Sciences. Submitted May 27, 1964.

L 13126-63

EWT(1)/BDS/ES(v) AFFTC/ASD/ESD-3 Pe-4 RB
S/049/63/000/004/005/00561
60

AUTHOR:

Tammet, Kh. F., Saluvere, T.A.

TITLE:

Horizontal components of an atmospheric electrical field
near a uniform subjacent surface

PERIODICAL:

Akademiya nauk SSSR. Izvestiya. Seriya geofizicheskaya,
no. 4, 1963, 654-656TEXT:
The connection of horizontal components of an electrical field
near an underlying surface with a vertical component and with the distri-
bution of a bulk charge is investigated. A field with horizontal compo-
nents E_x , E_y and vertical component E_z is considered. From the potentiality
of the electric field, these correlations result:

$$\frac{dE_x}{dz} = \frac{dE_z}{dx} \quad (1)$$

Card 1/2

L 13126-63

S/049/63/000/004/005/005

Horizontal components of an atmospheric...

$$\frac{dE_y}{dz} = \frac{dE_z}{dy} \quad (2)$$

These are used for an indirect evaluation of the possible values of horizontal components. An arrangement for the study of the components of an electric field near a subadjacent surface is presented. The layout of the monitors for three polymers and a block scheme of the amplifying and recording apparatus are shown. Correlations (1) and (2) permit proposal of a more ideal method of experimental study of horizontal components with the aid of three polymers arranged on the level of an uniform underlying surface. There is 1 figure and 2 non-English references.

ASSOCIATION: Tartuskiy gosudarstvennyy universitet (Tartu State University)

SUBMITTED: June 28, 1962

Card 2/2

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910018-7

SALUVERE, T.A.

Diurnal variation of the illuminated area of the continents.
(MIRA 17:8)
Trudy GGO no.157:39-47 '64

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446910018-7"

SALIVAN, V.

PAGE I BOOK EXPLOITATION

RUM/708

CHIU, Pennsylvania. Industrial Mathematics. Leningrad Publishers (Scientific Works), ChiU, Interpressures, Poligraphy, 1959. 657 p. Printed allp. Inserted. No. of copies printed not given. No contributors mentioned.

PURPOSE: This book is intended for mathematicians, physicists, chemists, and civil and mechanical engineers.

CONTENTS: The book consists of 59 papers by Russian specialists on problems in science and technology, particularly mathematics, physics, chemistry, mechanics and engineering. Examples in Russian and French are given at the end of each article. Some of the articles are accompanied by references. No personalities are mentioned. At the back of the book there are 23 references, all Russian.

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SALVATOR, Vuia, dr.; BIMTER, Stefan L.A.

Surgical treatment of uterine prolapse. Magy. noorv. lap. 25 no.5:
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1. Az Aradi Varosi Szuleszet Nogyogyaszati Korhaz kozlemenye.
(UTERINE PROLAPSE) (HYSTERECTOMY)

JAWORSKA,R.; SALWA,H.

Production of crystalline vitamin D3 from irradiated
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405-406 '63.

SALWA, Krystyna; WALDEN, Henryk

Squeezing out water by gas pressed into a stratified multi-layer. Rozpr inz PAN 12 no.2:333-338 '64.

1. Technical University, Warsaw.

KROKOWICZ, Aleksy; SALWA, Wieslawa

Pulmonary sequestration. Polski tygod. lek. 17 no.3:103-106 15
Ja '62.

1. z II Kliniki Chirurgicznej AM w Poznaniu; kierownik: prof. dr
Roman Drews i z Zakladu Anatomii Patologicznej AM w Poznaniu;
kierownik: prof. dr Janusz Groniowski.
(LUNGS abnorm)

SALWA, Wladyslaw

The role of the feeling of resentment in the criminal acts
of some killers. Neurol. neurochir. psychiat. Pol. 15 no.2:
325-330 Mr-Ap '65.

1. Z Panstw. Szpitala dla Nerw. i Psych. Chorych w Krakowie-
Kobierzynie (Ordynator: dr. med. W. Salwa).

SALWA, Wladyslaw; KRZECZKOWSKA, Elzbieta

Laranciac symptoms of the sexual nature in organic cerebral changes. Neurol. neurochir. psychiat. Pol. 14 no. 2:309-314 Mr-Ap '64.

l. Z Panstw. Szpitala dla Nerw. i Psych. Chorych w Krakowie-Kobierzynie (Ordynator: dr med. W.Salwa).

SZLEZAK, Ludwik; PRZYBORA, Lucjan; SALWA-KUBASIK, Wieslawa

Malignant melanoma of the lymphatic glands without discernible primary focus. Presentation of 2 cases. Otolaryng. Pol. 19 no.3: 387-392 '65.

1. Z Kliniki Otolaryngologicznej AM w Poznaniu (Kierownik Kliniki: prof. dr. med. A. Zakrzewski) oraz z Pracowni Histopatologicznej I Kliniki Ginekologiczno-Położniczej AM w Poznaniu (Kierownik Kliniki: prof. dr. med. W. Michalkiewicz; Kierownik Pracowni: doc. dr. med. L. Przybora) i z Zakładu Anatomii Patologicznej AM w Poznaniu (Kierownik: doc. dr. med. P. Gabryel).

GOLINSKI, Jan; JANOWSKI, Janusz; LESNIAK, Zdzislaw K.; SALWICKI,
Andrzej; WINKOWSKI, Jozef

Digital computer program for structural analysis of a
statically indeterminate bridge. Archiw inż. lad. 9 no. 4:
419-445 '63.

1. Instytut Maszyn Matematycznych, Polska Akademia Nauk,
Warszawa (for Golinski, Janowski, Salwicki, Winkowski).
2. Centralny Ośrodek Badania i Rozwoju Techniki Kolejnictwa,
Warszawa (for Lesniak).

SALYAMON, L.S. (Leningrad)

Principle and methodological possibilities for the preliminary evaluation of the cancerogenic activity of substances recently introduced into industry. Gig.truda i prof.zab. 6 no.6:28-32
Je '62. (MIRA 15:12)

1. Institut onkologii AMN SSSR.
(CARCINOGENS) (OCCUPATIONAL DISEASES)

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331. **Congenital high position of the scapula** Vrozeny vysoky stav lopatky.
NAHODA, J. and SALVÍK, J. Č. Klin. pro Ortop. a Dětskou Chir., Karlovy Univ., Praha
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Congenital high scapula, called Sprengel's shoulder, was first described in 1863 by Eulenbürg, i.e. 28 yr. before Sprengel's publication. It is suggested that it is caused by some developmental defect during foetal life. It is believed that persistent atavistic defect traceable to some frogs and fish, where elevated scapula has been a normal feature of the species, must be excluded. In man the condition is always connected with other deformities. There is no explanation whether the omovertebral bone is a surplus element or whether it originates from some other structure. Conservative treatment may offer some correction of the deformity or some symptomatic improvement in very young patients. The best and proved operative method is that of Schrock, performed in the ages of 3 to 6 yr. The authors report 14 patients treated by various methods. (IX, 19)

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